



S.S. "DIANA"

6 SEP 1948

thrust, intermediate and screw shafts, also the propeller and stem bush, were examined, centlings checked, found in order and refitted.

A new coupling, as approved, was shrunk onto the forward end of the thrust shaft to quit the wheel shaft. A new condenser fitted.

New extraction pumps, lubricating oil pumps, air ejectors etc. were fitted to quit the new machinery and original bilge, ballast and feed pumps were completely overhauled, examined and refitted.

All ship's side valves were examined and refitted; the main injection valves and bilge injection were renewed larger size.

All the valves, cocks, pipes and strainers of the pumping arrangements were refitted or renewed as necessary and in accordance with approved plans.

The three boilers were examined throughout together with their doors and mountings and after minor repairs were tested hydraulically to 213 lb/0" and all found satisfactory.

Smoke tube type superheater and an oil fuel burning installation, in accordance with approved plans, were fitted at this time.

The complete installation including steam fire extinguishing system and remote control of valves, was tested and found satisfactory.

The boilers were found tight under steam and the safety valves adjusted for a working pressure of 185 lb/0".

New steel steam pipes, tested as necessary, were fitted.

The two electric generators and generator engines were overhauled, examined, and tested, a new main switchboard was fitted, the majority of the electric wiring and fittings throughout the vessel were renewed, the insulation resistance was tested on completion and all found satisfactory.

On conclusion a full power sea trial was held and the machinery found in order.